

Brenton A. Wright, MD

EDUCATION	
University of Virginia , Charlottesville, VA B.A. Biology with Highest Distinction 5/16/04	08/2000 – 05/2004
University of Louisville School of Medicine, Louisville, KY M.D. May 10, 2008	08/2004 – 05/2008
Columbia University College of Physicians and Surgeons, New York, NY Internship in Internal Medicine	07/2008 – 06/2009
Columbia University College of Physicians and Surgeons, New York, NY Residency in Neurology	07/2009 – 06/2012
Neurological Institute of New York/CUMC, New York, NY Clinical Fellowship, Movement Disorders	07/2012 – 06/2014

LICENSURE & CERTIFICATION

•	American Board of Psychiatry and Neurology, Neurology	09/2021 - Present
•	California Medical License Number # C152156	10/2017 – Present
•	State of New York #60254207	07/2009 – 09/2014
•	State of Missouri # MD2014020145	06/2014 - 01/2018

PROFESSIONAL SOCIETIES

- Parkinson Study Group
- Huntington Study Group
- International Parkinson and Movement Disorders Society
- American Neurological Association
- American Academy of Neurology
- American Medical Association

PROFESSIONAL EXPERIENCE

The Neurology Center of Southern California, Carlsbad, CA Neuro-hospitalist	05/2023 - Present
Parkinson's Association of San Diego Medical Advisory Director	11/2022 - Present
VA San Diego Healthcare System Center Staff Physician	05/2018 – 04/2023
University of California San Diego, San Diego, CA Assistant Professor of Clinical Neurosciences Associate Professor of Clinical Neurosciences Health Sciences Clinical Professor, Voluntary Nonsalaried	12/2017 – 11/2022 11/2022 – 04/2023 12/2023 – Present
Fellowship Director, Movement Disorders	03/2019 – 02/2023
Washington University School of Medicine, St. Louis, MO Assistant Professor of Neurology	09/2014 – 11/2017

HOSPITAL AFFILIATIONS

•	Tri-City Medical Center, Oceanside, California	06/2023 - Present
•	Palomar Medical Center, Escondido, California	06/2023 - Present
•	Palomar Medical Center, Poway, California	06/2023 - Present
•	Scripps Memorial Hospital, Encinitas, California	05/2023 - Present
•	Scripps Mercy Hospital, Chula Vista, California	05/2023 - Present
•	UC San Diego Medical Center, San Diego, California	12/2017 - Present
•	Barnes-Jewish Hospital, St. Louis, Missouri	09/2014 - 11/2017

HONORS & AWARDS

Eagle Scout	1997
National Merit Finalist	1999
University of Virginia Echols Scholar	2000-2004
University of Virginia Intermediate Honors	2002
Phi Beta Kappa, Beta Chapter of Virginia	2003
University of Louisville School of Medicine Dean's Merit Scholarship	2004-2008
AAN Medical Student Prize for Excellence in Neurology	2008
Travel Grant, International Congress of Parkinson's Disease & Movement Disorders	2014

GAP EXPLANATION

Fellowship in Movement Disorders was completed at the Neurological Institute of NY/Columbia College of Physicians and Surgeons on 6/30/2014. My appointment as Assistant Professor of Neurology at Washington University School of Medicine began on 9/15/2014.

During the 10-week gap, I moved from New York City to St. Louis, spent time with family, travelled, worked to get settled in St. Louis, and completed orientation activities for Washington University and Barnes-Jewish Hospital.

RESEARCH SUPPORT

NCT01850381 Genervon Biopharmace	PI: Fahn, S uticals, LLC	April 2013 – June 2014
GM602 (aka GM608) in	a Phase IIA pilot doub	le-blinded, randomized, arkinson's Disease (PD)
NCT01705327 Michael J. Fox Foundati		June 2013 – June 2014
Role: Sub-Investigator	new discovery of bioma	rkers (BioFind)
NCT00660673 AbbVie Pharmaceuticals	PI: Waters, C	July 2013 – June 2014
gel in subjects with ad		carbidopa-levodopa intestinal sease and severe motor fluctuations who have exhibited a previous studies.
A multicenter, multina		January 2015 – November 2017 c. ible-blind, placebo-controlled, parallel group study to evaluate 0 and 1.5 mg/Day) as treatment in patients with Huntington's
NCT02242487 Accorda Therapeutics	PI: Criswell, S	February 2015 – November 2017
A Phase 2b, randomize	dopa inhalation powder	bo-controlled study investigating the efficacy and safety of) in Parkinson's disease patients with motor response
NCT02453386 Biotie Therapies Inc.	PI: Racette, B	June 2015 - November 2017
A phase 3, multicenter determine the efficacy	and safety of tozadena	lind, placebo-controlled study with an open-label phase to int as adjunctive therapy in levodopa-treated patients with e "wearing-off" (TOZ-PD)
NCT02481674 Vaccinex Inc.	PI: Racette, B	July 2015 - November 2017
A phase 2, multi-cente		blind, placebo-controlled study in subjects with late prodromal o assess the safety, tolerability, pharmacokinetics, and efficacy

NCT02611713 PI: Kotzbauer, Paul October 2015 - November 2017 AbbVie Pharmaceuticals Observational study evaluating long term effectiveness of Duodopa/Duopa in Parkinson disease (DUOGLOBE) Role: Sub-Investigator NCT02507284 PI: Wriaht. B December 2015 - November 2017 Azevan Pharmaceuticals/NINDS/NeuroNEXT Network Tolerability, safety, and activity of SRX246 in irritable subjects with Huntington's disease Role: Primary Investigator NCT02985879 PI: Litvan, I January 2018 - June 2020 Abbvie Pharmaceuticals A randomized, double-blind, placebo-controlled multiple dose study to assess efficacy, safety, tolerability, and pharmacokinetics of ABBV-8E12 in Progressive Supranuclear Palsy Role: Sub-Investigator NCT03040713 PI: Litvan, I January 2018 - April 2019 Avid Radiopharmaceuticals 18F-AV-1451 PET in subjects with Frontotemporal Dementia Role: Sub-Investigator NCT03068468 PI: Litvan, I January 2018 - July 2020 Biogen A randomized, double-blind, placebo-controlled, parallel-Group Study to evaluate the efficacy and safety of intravenously administered BIIB092 in participants with Progressive Supranuclear Palsy (PASSPORT) Role: Sub-Investigator NCT02658916 PI: Litvan, I January 2018 - September 2020 Biogen A multicenter, open-label, long-term treatment study of intravenously administered BIIB092 in participants with Progressive Supranuclear Palsy who participated in CN002003. Role: Sub-Investigator NCT03100149 PI: Litvan, I January 2018 - April 2023 Roche A randomized, double-blind, placebo-controlled, 52-week phase II study to evaluate the efficacy of intravenous RO7046015 (PRX002) in participants with early Parkinson's disease with a 52-week blinded extension (PASADENA) Role: Sub-Investigator NCT02642393 PI: Litvan, I February 2018 – November 2019 Michael A. Schwarzchild/Parkinson Study Group/NINDS/Michael J. Fox Foundation Study of Urate elevation in Parkinson's disease, Phase 3 (SURE-PD3) Role: Sub-Investigator NCT01804452 PI: Litvan, I April 2018 - April 2023 NIH, National Institute on Aging 4 Repeat Tauopathy Neuroimaging Initiative (4RTNI) Role: Sub-Investigator NCT02481674 PI: Corey-Bloom, J October 2018 - January 2021 Vaccinex Inc. A phase 2, multi-center, randomized, double-blind, placebo-controlled study in subjects with late prodromal and early manifest Huntington disease (HD) to assess the safety, tolerability, pharmacokinetics, and efficacy of VX15/2503 Role: Sub-Investigator NCT03761849 PI: Corey-Bloom, J January 2019 - March 2022 Hoffmann La-Roche A multicenter, randomized, double-blind, placebo-controlled, phase 3 clinical study to evaluate the efficacy and safety of intrathecally administered RO7234292.(RG6042) in patients with manifest Huntington's disease

Role: Sub-Investigator		
Wave Biosciences Ltd.	PI: Corey-Bloom, J	January 2019 – May 2021
	d, double-blind, placebo-controlle vith Huntington's disease (PRECIS	d, phase 1b/2a study of WVE-120102 administered SION-HD2)
NCT02623699 F Biogen/Ionis	PI: Ravits, J	July 2019 – July 2021
	bility, pharmacokinetics, and pha h ALS and confirmed SOD1 mutat	rmacodynamics study of BIIB067 administered ion.
NCT03070119 F Biogen	PI: Ravits, J	July 2019 – April 2023
	BIIB067 administered intrathecally	to adults with ALS and confirmed SOD1 mutation.
NCT03945279 F Biogen	PI: Ravits, J	July 2019 – June 2021
		cs, and pharmacodynamics of BIIB100
NCT03626012 Biogen	PI: Ravits, J	July 2019 – November 2021
		etics of BIIB078 administered intrathecally to
		July 2019 – July 2022 Research ng efficacy and tolerability of an oral CBD/THC
NCT03741920	PI: Wright, BA	July 2019 – April 2023
Global Kinetics Corporation Evaluation of the Persona (APPRISE) Role: Primary Investigator		ve insight into Parkinson's disease status
	Pl: Litvan, I d, Double-Blind, Placebo-Controll n Subjects with Multiple System A	August 2019 – September 2021 ed, Parallel-Group Study to Evaluate the Efficacy trophy (M-STAR)
NCT04057794 PDGENEration: Mapping Role: Sub-investigator	PI: Litvan, I the Future of Parkinson's Disease	August 2019 – April 2023 • (PDGENE)
NCT04102579 Neurocrine Biosciences	PI: Corey-Bloom, J	February 2020 - present
	ability of Valbenazine for the treat	ment of chorea associated with Huntington
NCT04406636 Triplet Therapeutics Inc.	PI: Corey-Bloom, J	May 2020 – March 2023
ivatural mistory study in H	untington disease gene expansio	

Role: Sub-investigator

NCT04556656 PI: Corey-Bloom, J October 2020 - present **Prilenia Therapeutics** Pridopidine's outcome on function in Huntington disease (PROOF-HD) Role: Sub-investigator NCT04539041 PI: Litvan, I January 2022 - February 2023 Novartis Safety, tolerability, and pharmacokinetics of multiple ascending doses of NIO752 in Progressive Supranuclear Palsy (PSP) Role: Sub-investigator NCT04993768 PI: Wright, BA February 2022 - April 2023 **Transposon Therapeutics** A Phase 2a Study of TPN-101 in patients with Progressive Supranuclear Palsy Role: Primary Investigator

BIBLIOGRAPHY

Peer-reviewed Journal Publications

Wright BA, Roberts CS, Seligson D, Malkani AL, McCabe, SJ. Cost of antibiotic beads is justified: A study of open fracture wounds and chronic osteomyelitis. J Long Term Eff Med Implants. 2007; 17 (3): 181-185.

Wright BA and Waters CH. Continuous dopaminergic delivery to minimize motor complications in Parkinson's disease. Expert Rev Neurother. 2013; 13 (6): 719-729.

Wright BA, Michalec M, and Louis ED. Triggering essential head tremor with sustained phonation: a clinical phenomenon with potential diagnostic value. Study of 102 ET patients with head tremor. Parkinsonism Relat Disord. 2014; 20 (2): 230-232.

Sampson JB, Michaeli T, Wright, BA, Goldman JE, Vonsattel JP, Fahn S. Basal ganglia gliosis in a case of rapid onset dystonia-parkinsonism (DYT12) with a novel mutation in ATPase 1A3 (ATP1A3). Mov Disord Clin Prac. 2016; 3 (6): 618-620.

Nielsen SS, Warden MN, Camacho-Soto A, Willis AW, Wright BA, and Racette BA. A predictive model to identify Parkinson disease from administrative claims data. Neurology. 2017; 89 (14): 1448-1456.

Moreno GM, Gandhi R, Lessig SL, Wright B, Litvan I, Nahab FB. Mortality in patients with Parkinson disease psychosis receiving pimavanserin and quetiapine. Neurology. 2018; 91 (17): 797-799. PMID: 30258020 Bayram E, Litvan I, Wright BA, Grembowski C, Shen Q, Harrington DL. Dopamine effects on memory load and distraction during visuospatial working memory in cognitively normal Parkinson's disease. Neuropsychol Dev Cogn B Aging Neuropsychol Cogn. 2020 Oct 6:1-17. doi: 10.1080/13825585.2020.1828804. Epub ahead of print. PMID: 33021874; PMCID: PMC8021591.

Brownstein MJ, Simon NG, Long JD, Yankey J, Maibach HT, Cudkowicz M, Coffey C, Conwit RA, Lungu C, Anderson KE, Hersch SM, Ecklund DJ, Damiano EM, Itzkowitz DE, Lu S, Chase MK, Shefner JM, McGarry A, Thornell B, Gladden C, Costigan M, O'Suilleabhain P, Marshall FJ, Chesire AM, Deritis P, Adams JL, Hedera P, Lowen K, Rosas HD, Hiller AL, Quinn J, Keith K, Duker AP, Gruenwald C, Molloy A, Jacob C, Factor S, Sperin E, Bega D, Brown ZR, Seeberger LC, Sung VW, Benge M, Kostyk SK, Daley AM, Perlman S, Suski V, Conlon P, Barrett MJ, Lowenhaupt S, Quigg M, Perlmutter JS, Wright BA, Most E, Schwartz GJ, Lamb J, Chuang RS, Singer C, Marder K, Moran JA, Singleton JR, Zorn M, Wall PV, Dubinsky RM, Gray C, Drazinic C. Safety and Tolerability of SRX246, a Vasopressin 1a Antagonist, in Irritable Huntington's Disease Patients-A Randomized Phase 2 Clinical Trial. J Clin Med. 2020 Nov 16;9(11):3682. doi: 10.3390/jcm9113682. PMID: 33207828; PMCID: PMC7696926.

Corey-Bloom J, Williams ME, Beltran-Najera I, Mustafa AI, Snell CM, Castleton J, Smith H, Wright B, Gilbert PE. Central Cognitive Processing Speed Is an Early Marker of Huntington's Disease Onset. Mov Disord Clin Pract. 2020 Dec 28;8(1):100-105. doi: 10.1002/mdc3.13121. PMID: 33426164; PMCID: PMC7781078. Merola A, Kobayashi N, Romagnolo A, Wright BA, Artusi CA, Imbalzano G, Litvan I, Van Laar AD, Bankiewicz K. Gene Therapy in Movement Disorders: A Systematic Review of Ongoing and Completed Clinical Trials. Front Neurol. 2021 Apr 6; 12:648532. doi: 10.3389/fneur.2021.648532. PMID: 33889127; PMCID: PMC8056023.

Sato C, Mallipeddi N, Ghoshal N, Wright BA, Day GS, Davis AA, Kim AH, Zipfel G, Bateman RJ, Gabelle A, Barthélemy NR. MAPT R406W increases tau T217 phosphorylation in absence of amyloid pathology. Ann Clin Transl Neurol. 2021 Sep;8(9):1817-1830. doi: 10.1002/acn3.51435. Epub 2021 Aug 2. PMID: 34342183; PMCID: PMC8419397.

Coughlin DG, Dryden I, Goodwill VS, Pizzo DP, Wright B, Lessig S, Galasko D, MacKenzie IR, Hiniker A. Longstanding multiple system atrophy-Parkinsonism with limbic and FTLD-type α -synuclein pathology. Neuropathol Appl Neurobiol. 2022 Apr;48(3): e12783. doi: 10.1111/nan.12783. Epub 2021 Dec 13. PMID: 34847258.

Horie K, Barthélemy NR, Spina S, VandeVrede L, He Y, Paterson RW, Rohrer JD, Wright BA, Day GS, Davis AA, Karch CM, Seeley WW, Perrin RJ, Ghoshal N, Gabelle A, Boxer AL, Bateman RJ, Sato C. CSF tau microtubulebinding region identifies pathological changes in primary tauopathies. Nat Med 2022 Nov 24; doi: 10.1038/s41591-022-02075-9. [Epub ahead of print] PMID: 36424467.

Hughes SB, Churchill E, Smirnova A, Hall A, Culbert B, Snell C, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparison of self-report and caregiver ratings with objective performance measures. Parkinsonism Relat Disord. 2022 Dec 29; 107:105272. doi: 10.1016/j.parkreldis.2022.105272. Epub ahead of print. PMID: 36610230.

Longardner K, Wright BA, Alakkas A, You H, Xu R, et al. (2023) Assessing the risks of treatment in Parkinson disease psychosis: An in-depth analysis. PLOS ONE 18(1): e0278262. <u>https://doi.org/10.1371/journal.pone.0278262</u>

Complete list of published work in:

https://www.ncbi.nlm.nih.gov/myncbi/1rUAwRuMk5xQn/bibliography/public/

Scientific Abstracts

Wright BA, Lewis L, Noble J, Vonsattel JP, Khandji A, Sommerville RB, Wright C. Case Series: Eosinophilic vasculitis isolated to the central nervous system. Presented March 19, 2013 at the American Academy of Neurology annual meeting.

Wright BA, Sampson JB, Vonsattel JP, Goldman JE, Fahn S. Unique presentation of primary generalized dystonia with novel findings on post-mortem brain pathology. Presented June 12, 2014 at the International Congress of Parkinson's Disease and Movement Disorders. Travel Grant Recipient

Sampson JB, Michaeli T, Wright BA, Vonsattel JP, Fahn S, Goldman JE. Unique astrocyte pathology in a case of Rapid Onset Dystonia-Parkinsonism (DYT12) with novel mutation in ATP1A3. Presented April 21, 2015, American Academy of Neurology annual meeting.

Corey-Bloom J, Wong C, Aboufadel S, Snell C, Castleton J, Smith H, Wright BA, Gilbert PE. Using the Huntington's disease-Behavioral Questionnaire (HD-BQ) as a screening tool for behavioral disturbances in HD. Presented November 8, 2019, Huntington Study Group Annual Meeting.

Corey-Bloom J, Wong C, Aboufadel S, Snell C, Castleton J, Smith H, Wright BA, Gilbert PE. Using the Huntington's disease-Behavioral Questionnaire (HD-BQ) as a screening tool for behavioral disturbances in HD. Presented April 28, 2020 American Academy of Neurology Annual Meeting.

Corey-Bloom J, Williams ME, Wong C, Aboufadel S, Snell C, Wright BA, Gilbert PE. Central cognitive processing speed is an early marker of Huntington's disease onset. Presented April 28, 2020, American Academy of Neurology Annual Meeting.

Sato C, Horie K, Barthélemy NR, Patterson BW, Gordon BA, Benzinger TL, Mallipeddi N, Sullivan M, Elbert D, Wright BA, Day GS, Davis AA, Paterson RW, Ghoshal N, Bateman RJ. Tau kinetics in Alzheimer disease and primary tauopathies. Presented July 28, 2020 Alzheimer's Association International Conference.

Corey-Bloom J, Hall A, Snell C, Wright BA, Caligiuri M. Can handwriting movement abnormalities serve as an early biomarker of transition to manifest Huntington's disease? Presented September 14, 2020 International Parkinson and Movement Disorder Society Virtual Congress.

Snell C, Smith H, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. How well does the Composite Unified Huntington's disease Rating Scale (cUHDRS) reflect disease progression in Huntington's disease (HD)? Presented September 14, 2020 International Parkinson and Movement Disorder Society Virtual Congress.

Smith H, Snell C, Castleton J, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. Does the Composite Unified Huntington's disease Rating Scale (cUHDRS) correlate with disease progression in Huntington's disease (HD)? Presented October 30, 2020 Huntington Study Group Annual Meeting.

Smith H, Snell C, Castleton J, Castleton J, Hall A, Smirnova A, Wright BA, Gilbert PE, Corey-Bloom J. How well does the Composite Unified Huntington's disease Rating Scale (cUHDRS) reflect disease progression in Huntington's disease (HD)? April 12-21, 2021 American Academy of Neurology Annual Meeting.

Sato C, Mallipeddi N, Ghoshal N, Wright BA, Day GS, Davis AA, Kim AH, Zipfel G, Bateman RJ, Gabelle A, Barthélemy NR. CSF Tau phosphorylation occupancy at T217 increases in MAPT R406W mutation carriers in the absence of amyloid pathology. Presented July 2021, Alzheimer's Association International Conference.

McCallum R, Parkman H, Kunkel D, Nguyen L, Wright B, Kalas M, Quesenberry C, Ramamoorthy B, Donders J, Hyde B. Revisiting the risk of Tardive Dyskinesia with metoclopramide use: a real-world data driven epidemiology study of patients from 2011-2021. Presented May 2022, Digestive Disease Week (DDW) National Meeting.

Horie K, Barthélemy NR, Spina S, VandeVrede L, He Y, Paterson RW, Rohrer JD, Wright BA, Day GS, Davis AA, Karch CM, Seeley WW, Perrin RJ, Koppisetti RK, Lago AL, Heuer H, Ghoshal N, Gabelle A, Miller BL, Boxer AL, Bateman RJ, Sato C. CSF tau microtubule binding region identifies pathological changes in primary tauopathies. Presented August 2022, Alzheimer's Association International Conference.

Hughes SB, Smirnova A, Hall A, Snell CM, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparison of Self-Report and Caregiver Ratings with Objective Performance Measures. International Parkinson and Movement Disorder Society International Congress, Madrid, Spain, September 2022.

Culbert B, Caligiuri M, Churchill E, Prasad N, Snell C, Hall A, Smirnova A, Wright BA, Corey-Bloom J. Graphomotor Predictors of Motor and Functional Decline in Premanifest Huntington's Disease. Huntington Study Group, Tampa, FL, November 2022.

Hughes SB, Churchill E, Smirnova A, Hall A, Culbert B, Snell C, Hutchings Z, Wright BA, Gilbert PE, Corey-Bloom J. Anosognosia in HD: Comparing Objective Performance with Self-Report and Caregiver Ratings as a Measure of Anosagnosia in HD. Huntington Study Group, Tampa, FL, November 2022.

UC San Diego School of Medicine Formal Teaching Roles

MS-2 Small Group Neurological Exam Instruction. January 2022 MS-1 Mind Brain & Behavior Small Group Neurology Case Discussions. January-February 2022 and 2023

Lectures

Movement Disorders Journal Club, Washington University in St. Louis
Neurotrophic Factors for Treatment of Parkinson's disease. March 13, 2014
Faculty and Resident Conference, Dept. of Neurology, Oregon Health & Science University
Neurotrophic Factors for Treatment of Parkinson's disease. April 17, 2014
Movement Disorders Journal Club, Washington University in St. Louis
Huntington's disease research update. November 20, 2014
Movement Disorders Journal Club, Washington University in St. Louis
Carbidopa Levodopa Enteral Suspension for Parkinson's disease. February 19, 2015
St. Louis APDA Chapter, YOPD Support Group
Carbidopa Levodopa Enteral Suspension for Parkinson's disease. March 17, 2015
Washington University Department of Physical Therapy, Student Curriculum
Overview of Ataxia. November 9, 2015
Huntington Disease Society of America, St. Louis Chapter
Update on Research and Clinical trials. March 19, 2016
Washington University Department of Neurosurgery Resident Curriculum
Cerebellar Physiology and Ataxia Syndromes. March 23, 2016

St. Louis APDA Chapter - Overview and Expert Panel on DBS Surgery vs. Duopa[™] for Parkinson disease. April 3, 2016 Movement Disorders Journal Club, Washington University in St. Louis Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 19, 2016 Movement Disorders Journal Club, Washington University in St. Louis Huntington's disease research update. November 17, 2014 Washington University Department of Physical Therapy, Student Curriculum Overview of Ataxia. November 21, 2016 Huntington Study Group - Website Curriculum for Physician Educational Resource on HD Creation of online visual content; filmed for video lecture content. HSG meeting November 2, 2016 Washington University Department of Neurology Grand Rounds Resident Clinical-Pathologic Conference - Faculty Discussant. May 26, 2017 University of California San Diego Movement Disorders Division Conference The Braak Hypothesis for Pathological Staging of Parkinson Disease -A Critical Analysis. June 14, 2017 Washington University Department of Physical Therapy, Student Curriculum Overview of Ataxia. November 6, 2017 UC San Diego Health - Educating the Community - Focus on Health Seminar Parkinson disease - Exercise as Medicine. January 25, 2018 UC San Diego Health - Educating the Community - Focus on Health Symposium Parkinson disease - Medical Management of Motor Symptoms. June 2, 2018 University of California San Diego Movement Disorders Division Conference Video Rounds Case Conference. August 29, 2018 UC San Diego Health - Educating the Community - Focus on Health Symposium Shaking Out the Subtleties of Tremor - Parkinsonian Tremor. November 1, 2018 University of California San Diego - Department of Internal Medicine Resident Recruitment Morning Report "Stiff Person Syndrome" Faculty Discussant. November 15, 2018 Dystonia Support & Advocacy Group of San Diego County Overview of Dystonia - Clinical Characteristics and Treatments. January 5, 2019 UC San Diego Neurology Resident Curriculum Cerebellar Physiology and Ataxia Syndromes. January 18, 2019 UC San Diego Health – Educating the Community – Focus on Health Symposium Newly-FDA Approved Medications for Parkinson disease. March 16, 2019 UC San Diego Neurology Resident and Movement Disorders Fellow Curriculum Botulinum Toxin for Movement Disorders - Overview & Demonstration. March 29, 2019 UC San Diego Movement Disorders Fellow Curriculum Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 3, 2019 UC San Diego Movement Disorders Fellow Curriculum The Braak Hypothesis for Pathological Staging of Parkinson Disease -A Critical Analysis. May 3, 2019 UC San Diego Movement Disorders Fellow Curriculum Botulinum Toxin for Movement Disorders - Overview & Demonstration. Sept 25, 2019 Parkinson's Foundation: Aware in Care Ambassador Training: Parkinson's in the Hospital. September 27, 2019 Parkinson's Association of San Diego - Empowerment Symposium for Parkinson's Overview of Medications for Parkinson's disease. November 15, 2019 Lewy Body and Frontotemporal Dementia, Support and Discussion Group @ Alzheimer's San Diego. Overview and Q & A on Lewy Body Dementia, Frontotemporal Dementia, and Multiple System Atrophy. December 4, 2019 University of California San Diego - Department of Internal Medicine Resident Morning Report "Autoimmune Encephalitis" Faculty Discussant. January 7, 2020 UC San Diego Movement Disorders Fellow Curriculum The Braak Hypothesis for Pathological Staging of Parkinson Disease -A Critical Analysis. March 20, 2020 UC San Diego Movement Disorders Fellow Curriculum Normal Pressure Hydrocephalus - Comprehensive Literature Review. March 20, 2020 UC San Diego Movement Disorders Fellow Curriculum

Cerebellar Anatomy and Physiology. April 10, 2020 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Ataxia - Clinical Overview. April 10, 2020 San Diego Central County Point Loma Parkinson's Support Group Exciting new technique regenerates damaged neurons in a mouse model of Parkinson Disease – discussion of a recent Nature publication by UCSD scientists. August 24, 2020 UC San Diego Movement Disorders Fellow Curriculum Incobotulinum Toxin for Movement Disorders - Virtual Reality Simulation for Injections. August 26, 2020 UC San Diego Movement Disorders Fellow Curriculum October 2, 2020 Botulinum Toxin for Movement Disorders - Scientific Background and Overview NCPSG Oceanside Parkinson's Support Group Exciting new technique regenerates damaged neurons in a mouse model of Parkinson Disease – discussion of a recent Nature publication by UCSD scientists. October 14, 2020 UC San Diego HOPE (Healthcare Opportunities Preparation & Empowerment) Medical Field Day for pre-medical undergraduate students - physician panelist and small group discussant. February 19, 2021 NCPSH Fallbrook Parkinson's Support Group Open Forum: Ask the Doctor - Physician Speaker/Panelist. March 26, 2021 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Anatomy and Physiology. May 14, 2021 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Ataxia - Clinical Overview. May 14, 2021 UC San Diego Movement Disorders Fellow Curriculum Normal Pressure Hydrocephalus - Comprehensive Literature Review. May 28, 2021 UC San Diego Movement Disorders Fellow Curriculum The Braak Hypothesis for Pathological Staging of Parkinson Disease -A Critical Analysis. May 28, 2021 UC San Diego Health - Educating the Community - Living with Parkinson's Symposium Update on Experimental therapies for Parkinson disease. July 10, 2021 UC San Diego Movement Disorders Fellow Curriculum. August 18, 2021 Botulinum Toxin for Movement Disorders - Scientific Background and Overview Osher Lifelong Learning Institute at UC San Diego. Overview of Parkinson disease - pathobiology, clinical features, treatments, and emerging clinical research. August 25, 2021 UC San Diego Movement Disorders Fellow Curriculum Incobotulinum Toxin A for Movement Disorders - Virtual Reality Simulation for Injections. November 17, 2021 Parkinson's Association of San Diego - Empowerment Symposium for Parkinson's Medical Treatment of Motor Symptoms. December 1, 2021 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Anatomy and Physiology. December 10, 2021 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Ataxia - Clinical Overview. December 10, 2021 UC San Diego Movement Disorders Fellow Curriculum The Braak Hypothesis for Pathological Staging of Parkinson Disease -A Critical Analysis. January 14, 2022 UC San Diego Health - Educating the Community - Navigating Parkinson's Disease Symposium. Diet and Nutrition in Parkinson's disease. July 22, 2022 Parkinson's Foundation - Advanced Team Training for Parkinson's: Cognition. Case Studies: Mid to Late-Stage PD Focusing on Cognition Issues. August 12, 2022 Parkinson's Association of San Diego – Empowerment Symposium for Parkinson's Medical Treatment of Motor Symptoms. November 30, 2022 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Anatomy and Physiology. January 13, 2023 UC San Diego Movement Disorders Fellow Curriculum Cerebellar Ataxia - Clinical Overview. January 13, 2023 UC San Diego Movement Disorders Fellow Curriculum. February 8, 2023 Botulinum Toxin for Movement Disorders - Scientific Background and Overview